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Please add the following new claims to the application:

~~47.~~ (New) A transformed host cell comprising at least two vectors, at least one vector comprising a DNA sequence encoding heavy chains of a CD4-IgG2 chimeric heterotetramer, and at least one vector comprising a DNA sequence encoding light chains of the CD4-IgG2 chimeric heterotetramer, wherein the CD4-IgG2 chimeric heterotetramer comprises two heavy chains having the amino acid sequence set forth in SEQ ID NO: 4, and two light chains having the amino acid sequence set forth in SEQ ID NO: 6, and wherein said CD4-IgG2 chimeric heterotetramer produced in said cell is capable of neutralizing an HIV-1-infected individual's HIV-1 virus.--

48. (New) The transformed host cell of claim 47, wherein the cell is a mammalian cell.--

49. (New) The transformed mammalian host cell of claim 48, wherein the cell is a COS cell, a CHO cell or a myeloma cell.--

50. (New) The transformed host cell of claim 47, wherein the cell secretes the CD4-IgG2 chimeric heterotetramer.--

51. (New) The transformed host cell of claim 47, wherein the vector encoding heavy chains is designated CD4-IgG2HC-pRcCMV having ATCC No. 75193.--